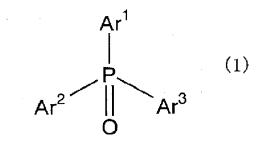
CLAIM LISTING

Beginning on the next page is a current claim listing.

<u>Claim 1</u> (Currently amended). An organic electroluminescent element comprising an anode, a cathode and a plurality of organic compound layers sandwiched between the anode and cathode, the organic compound layers including: a hole-transporting layer made comprising an organic compound insoluble in alcohols <u>as the material of the hole-transporting layer</u>; and an electron-transporting layer formed on the hole-transporting layer by a wet method, the electron-transporting layer being made of a <u>nonionic</u> phosphorus-containing organic compound <u>of</u> <u>molecular weight of 300-5000 that is</u> soluble in the alcohols.

Claim 2-3 (Canceled).

<u>Claim 4</u> (Original). The organic electroluminescent element according to claim 1, wherein the phosphorus-containing organic compound is represented by the general formula (1):



wherein Ar¹-Ar³, the same or different from each other, represent an aromatic ring residue optionally containing a substituent.

<u>Claim 5</u> (Original). The organic electroluminescent element according to claim 1, wherein the phosphorus-containing organic compound is represented by the general formula (2):

$$Ar^{1} \bigvee_{P} Ar^{2}$$

$$Ar^{7} \bigvee_{Ar^{8}} Ar^{8} \bigvee_{Q} Ar^{9} Ar^{5}$$

$$Ar^{4} \bigvee_{Ar^{6}} Ar^{9} \bigvee_{Ar^{6}} Ar^{5}$$

$$Ar^{6} \bigvee_{Ar^{6}} Ar^{6}$$

$$Ar^{1} \bigvee_{P} Ar^{9} \bigvee_{Ar^{6}} Ar^{5}$$

$$Ar^{6} \bigvee_{Ar^{6}} Ar^{6}$$

wherein Ar^1 - Ar^6 , the same or different from each other, represent an aromatic ring residue optionally containing a substituent; and Ar^7 - Ar^9 , the same or different from each other, represent an arylene group optionally containing a substituent.

<u>Claim 6</u> (Original). The organic electroluminescent element according to claim 1, wherein the phosphorus-containing organic compound is represented by the general formula (3):

wherein R^1 or R^2 , the same or different from each other, represents a hydrogen atom, an alkyl group, a halogen atom, cyano group, nitro group, amino group, an aryl group or a diarylphosphinyl group, and R^1 and R^2 can form, together with a carbon atom of a benzene ring to which they are linked, a substituted or unsubstituted aromatic ring; and n is 1 or 2.

Claim 7 (Withdrawn). A manufacturing method of an organic electroluminescent element including an anode, a cathode and a plurality of organic compound layers sandwiched between the anode and cathode, the process comprising the steps of: forming a hole-transporting layer using an organic compound insoluble in alcohols; and forming an electron-transporting layer on the hole-transporting layer by a wet method using as an electron transporting layer material a phosphorus-containing organic compound to be dissolved in an alcohol.

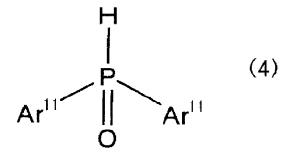
<u>Claim 8</u> (Withdrawn). The manufacturing method of an organic electroluminescent element according to claim 7, wherein the alcohol is a linear or branched C_1 - C_6 aliphatic alcohol.

<u>Claim 9</u> (Withdrawn). The manufacturing method of an organic electroluminescent element according to claim 7, wherein the phosphorus-containing organic compound is represented by the general formula (1).

<u>Claim 10</u> (Withdrawn). The manufacturing method of an organic electroluminescent element according to claim 7, wherein the phosphorus-containing organic compound is represented by the general formula (2).

<u>Claim 11</u> (Withdrawn). The manufacturing method of an organic electroluminescent element according to claim 7, wherein the phosphorus-containing organic compound is represented by the general formula (3).

<u>Claim 12</u> (Withdrawn). A phosphorus-containing organic compound as a condensation product of a compound represented by the general formula (4):



wherein Ar¹¹, the same or different from each other, represent a phenyl group or naphthyl group optionally substituted with a halogen atom, a lower alkyl group, a lower alkoxy group or a phenyl group, and either

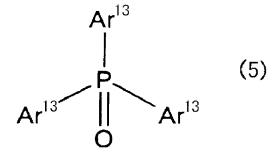
a compound represented by the formula:

 Ar^{12}

wherein Ar¹² represents benzene substituted with three halogen atoms, or benezene or biphenyl substituted with two halogen atoms

or

a compound represented by the general formula (5):



wherein Ar¹³, the same or different from each other, are a phenyl group or biphenyl group optionally substituted with a halogen atom, at least two of Ar¹³ being a phenyl group or biphenyl group substituted with at least one halogen atom.

<u>Claim 13</u> (Withdrawn). The phosphorus-containing organic compound according to claim 12, represented by the subformula (6):

$$Ar^{12} - P = O$$

$$Ar^{11}$$

$$Ar^{11}$$

$$Ar^{11}$$

$$Ar^{11}$$

wherein Ar¹¹ has the same meaning gas defined in the general formula (4); and Ar^{12'} represents a phenylene group or biphenylene group when n=2 and a benzenetriyl group when n=3.

<u>Claim 14</u> (Withdrawn). The phosphorus-containing organic compound according to claim 12, represented by the subformula (7):

$$Ar^{11} \bigvee_{P} Ar^{13}$$

$$Ar^{13} \bigvee_{Q} Ar^{13} \bigvee_{Q} Ar^{13} \bigvee_{Q} Ar^{11}$$

$$Ar^{11} \bigvee_{Q} Ar^{13} \bigvee_{Q} Ar^{11}$$

$$Ar^{11} \bigvee_{Q} Ar^{11} \bigvee_{Q} Ar^{11}$$

$$Ar^{11} \bigvee_{Q} Ar^{11} \bigvee_{Q} Ar^{11}$$

wherein Ar¹¹ has the same meaning as defined in the general formula (4); and Ar¹³, the same or different from each other, represent a phenylene group or a biphenylene group.

<u>Claim 15</u> (Withdrawn). The phosphorus-containing organic compound according to claim 12, represented by the subformula (8):

$$Ar^{11} = Ar^{13''} = Ar^{13''} = Ar^{13''} = Ar^{11} = Ar^{11}$$

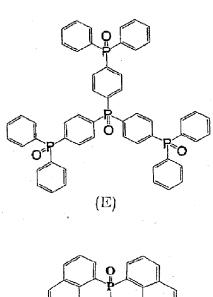
wherein Ar¹¹ has the same meaning as defined in the general formula (4); Ar¹³, the same or different from each other, represent a phenylene group or a biphenylene group; and Ar¹³" represents a phenyl group or a biphenyl group.

<u>Claim 16</u> (Withdrawn). The phosphorus-containing organic compound according to claim 12, selected from

compounds of the subformula (6):

$$(A)$$

compounds of the subformula (7):



$$H_3C$$
 O
 CH_3
 $CH_$

, and

compounds of subformula (8):

<u>Claim 17</u> (Withdrawn). A phosphorus-containing organic compound having at least three partial structures represented by a diarylphosphine oxide skeleton, the diarylphosphine oxide skeleton represented by either the formula (9):

$$Ar^{11} = \begin{pmatrix} P \\ Ar^{11} \end{pmatrix}$$
 (9)

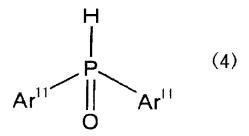
wherein Ar¹¹ has the same meaning as defined in the general formula (4) or the formula (10):

$$Ar^{13'}$$
 P
 $Ar^{13'}$
 $Ar^{13'}$
 $Ar^{13'}$

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wherein Ar¹³, the same or different from each other, are a phenyl group or a biphenyl group, or a phenylene group or biphenylene group linked to the formula (9).

<u>Claim 18</u> (Withdrawn). A manufacturing method of a phosphorus-containing organic compound, comprising the step of condensing, in a solvent, in the presence of a condensing catalyst and a base, a compound of the general formula (4);



wherein Ar¹¹ has the same meaning as defined in the general formula (4), with either a compound of the formula:

$$Ar^{12}$$

wherein Ar¹² has the same meaning as defined in the above formula Ar¹²

or

a compound of the general formula (5):

$$Ar^{13}$$

$$P$$

$$Ar^{13}$$

$$O$$

$$Ar^{13}$$

wherein Ar¹³ has the same meaning as defined in the general formula (5).

<u>Claim 19</u> (Withdrawn). The manufacturing method of a phosphorus-containing organic compound according to claim 17, wherein the solvent is dimethyl sulfoxide, the condensing catalyst is palladium acetate or a complex compound of palladium acetate with either 1,3-bis(diphenylphosphino)propane or 1,4-bis(diphenylphosphino)butane, and the base is a trialkylamine, N-ethyldiisopropylamine, or N,N'-dimethylaminopyridine.